

Title (en)

Process for cleaning a contaminated liquid

Title (de)

Verfahren zur Reinigung einer schadstoffbelasteten Flüssigkeit

Title (fr)

Procédé pour la purification d'un liquide contaminé

Publication

**EP 1400493 B1 20101229 (DE)**

Application

**EP 03019547 A 20030829**

Priority

DE 10243799 A 20020917

Abstract (en)

[origin: EP1400493A1] The cleaner for a pollutant loaded fluid uses an electron beam (18) to impact the fluid with electrons. In the flow direction of the fluid the electron beam (18) has a gas injector (20) to produce a two phase flow. The gas injector can cause a vortex flow in the fluid. The gas can carry a medium which is reactive with the fluid. The medium can be air or oxygen. Claims include a cleaner using the method.

IPC 8 full level

**C02F 1/30** (2006.01); **A61L 2/08** (2006.01); **A61L 2/26** (2006.01); **A62D 3/00** (2007.01); **B01J 19/08** (2006.01); **C02F 1/72** (2006.01); **C02F 1/74** (2006.01); **C02F 1/00** (2006.01); **C02F 1/78** (2006.01); **C02F 9/00** (2006.01)

CPC (source: EP)

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Cited by

RU2473469C1; CN101909661A; EA017723B1; EP2052743A1; US8894833B2; WO2009052827A1

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DOCDB simple family (publication)

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